

IN THE CLAIMS:

1. (cancelled)

2. (cancelled)

3. (cancelled)

4. (cancelled)

5. (previously presented) A toothbrush comprising
a structurally stiffened, elongated handle;
a block head attached to the handle;
a brush attached to the block head;
a case attachable to the block head and sealingly enclosing the brush.

6. (original) The toothbrush according to claim 5 further comprising
toothpaste disposed at a bottom of the case.

7. (previously presented) The toothbrush according to claim 5 further comprising

a hinge connecting an outer end of the block head to a narrow rim of the case, wherein the hinge is separated into block head and case prior to brushing the teeth..

8. (previously presented) The toothbrush according to claim 5 further comprising

an elongated channel forming the handle.

9. (original) The toothbrush according to claim 8 further comprising braces disposed inside the channel and disposed perpendicular to a longitudinal direction of the channel for increasing the stiffness of the channel.

10. (original) The toothbrush according to claim 8 further comprising a rib connecting the handle to the block head, wherein the rib extends substantially in a plane spanned by a longitudinal direction of the channel and a direction perpendicular to a floor of the channel and attached to the bottom of the channel and to a back of the block head.

11. (original) The toothbrush according to claim 10 wherein the width of the rib decreases from an end on the side of the channel to an end on the side of the block head.

12. (previously presented) A toothbrush

comprising

a channel forming a handle;

a block head attached to the handle;

a brush attached to the block head;

a case attachable to the block head and sealingly enclosing the brush;

a rib connecting the handle to the block head, wherein the rib extends substantially in a plane spanned by a longitudinal direction of the channel and a direction perpendicular to a floor of the channel and attached to the bottom of the channel and to a back of the block head;

wherein side walls of the channel are sloped downward beginning in an area of the rib and ending near an inner end of the block head.

13. (previously presented) A toothbrush comprising

a channel forming a handle;

S.N.: 10/790,324

PSP201A2

April 25, 2006

Page: 4

a block head attached to the handle;
a brush attached to the block head;
a case attachable to the block head and sealingly enclosing the brush;
a rib connecting the handle to the block head, wherein the rib extends substantially in a plane spanned by a longitudinal direction of the channel and a direction perpendicular to a floor of the channel and attached to the bottom of the channel and to a back of the block head;
a second rib disposed neighboring to the first rib, wherein a distance between the first rib and the second rib decreases from a value of from about 0.3 to 0.7 of an inner width of the channel in the area of the channel to a value of less than 0.1 of the inner width of the channel.

14. (original) The toothbrush according to claim 5 further comprising a plate disposed at and attached to the block head, wherein bristles of the brush protrude from the plate.

15. (new) A disposable toothbrush for hygiene of the cavity of a mouth containing a tooth brush with a handle, a block head with bristles, and also

provided with a case and a dose of agent for cleaning teeth, characterized in that the handle (1), the block head (7) with bristles (2) and the case (3) are integrally formed from one piece of the same material as a whole of a disposable toothbrush by the injection molding method by only one injection step as the three-dimensional composition in such way that the handle (1) and block head (7) are stiff while the bristles (2) are more elastic and soft than the handle (1) and the block head (7) and at the same time the case (3) after making is freely situated near the block head (7) and is technologically and elastically joined by the same material with a face edge of the block head (7) in such way that during the storage before use this disposable toothbrush this case hermetically surrounds the block head (7) with the bristles (2).

16. (new) The disposable toothbrush according to claim 15 characterized in that the case (3) is technologically and elastically joined by the same material with a front of the block head (7) only by the thin fragment (14) the same material, which fragment is easy to break, and also this thin fragment of the same material is sufficiently long for possibility covering the block head (7) with the bristles (2).

17. (new) The disposable toothbrush according to claim 1 characterized in that the case (3) is technologically and elastically joined by the same material with a front of the block head (7), along a whole of its front edge only by the thin fragment (14) the same material, which is easy to break, and also this thin fragment (14) of the same material is sufficient for a possibility of covering the block head (7) with the bristles (2).

18 (new) The disposable toothbrush according to claim 1 characterized in that the case (3) contains at least a dose of agent (4) for cleaning teeth., preferably at the bottom, while the thin fragment (14) material between the front of the block head (7) and the case (3) go out of a narrow rim of the case (3) and on the other hand go out of an outer end of the block head (7) .

19. (new) The disposable toothbrush according to claim 1 characterized in that the block head (7) has a outer top rib (8), wherein a first end of which outer top rib (8) reaches to near of an outer end of the

block head (7), while a second end reaches to the shaped handle (1) of the disposable toothbrush.

20. (new) The disposable toothbrush according to claim 1 characterized in that the handle (1) is formed with an open channel (10); wherein the handle (1) inside the channel (10) comprising the braces (18) is disposed perpendicular to a longitudinal direction of the channel (10) for increasing the stiffness of the handle (1).

21. (new) The disposable toothbrush according to claim 20 characterized in that an outer top rib (8) extends substantially in a plane spanned by a longitudinal direction of the channel (10) and a direction perpendicular to a floor of the channel (10) and is integrated with a bottom of the channel (10) and a back of the block head (7); wherein a width of the rib decreases from an end on the side of the channel (10) to an end on the side of the block head.

22. (new) The disposable toothbrush according to claim 21 further comprising a second rib disposed neighboring to the first rib (8), wherein a distance between the first rib (8) and the second rib decreases from a

value of from about 0.3 to 0.7 of an inner width of the channel (10) in the area of the channel (10) to a value of less than 0.1 of the inner width of the channel (10)

23. (new) The disposable toothbrush according to claim 19 wherein the block head (7) comprises a central plane area (13) wherein the bristles protrude from the central plane area.

24. (new) The disposable toothbrush according to claim 20 wherein side walls (9) of the channel (10) are sloped downward beginning in an area of the rib (8) and ending near a beginning of the block head (7).

25. (new) A disposable toothbrush for hygiene of a cavity of a mouth comprising
a stiff handle;
a stiff block head;
bristles disposed at the block head and formed more soft and elastic than the handle and the block head;
a case, wherein the case (3) after making is freely situated near the block head (7) and is technologically and elastically joined by the same material

with a face edge of the block head (7) in such way that during the storage before use of this disposable toothbrush this case hermetically surrounds the block head (7) with the bristles (2);

a foil hinge disposed between the block head and the case, wherein the foil hinge is easily breakable for removal of the case from the blockhead prior to brushing teeth;

a dose of agent for cleaning teeth disposed in the case;

wherein the handle (1), the block head (7) with the bristles (2) and the case (3) are integrally formed from one piece of the same material for forming a whole of a disposable toothbrush made by an injection molding method involving a single injection step as a three-dimensional composition.